Weapons of Mass Destruction Civil Support Team (WMD-CST) Program

National Guard Bureau
J3/Domestic Operations, Future Operations Division

CST PROGRAM PURPOSE

“ To provide military unique capabilities, expertise and technologies to assist State Governors (to) prepare for and respond to CBRNE incidents. Team must complement and enhance (not duplicate) State CBRNE response capabilities. “

DoD Program Review, Sep 01

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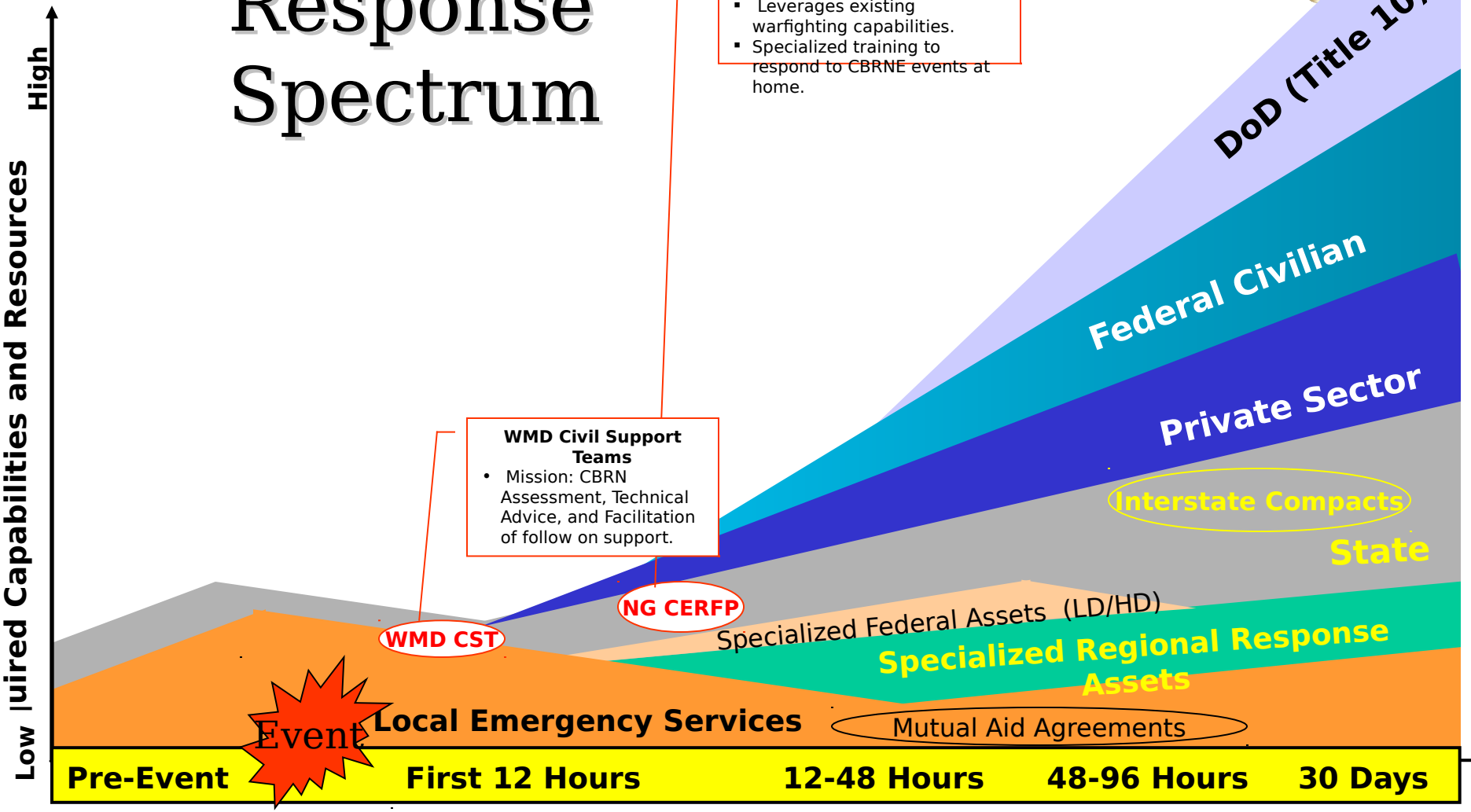
Response Spectrum



Combating Terrorism Mission in United States Code

- Title 10, USC, Sec. 12310-------Member of the NG serving on full-time NG duty under section 502(f) of title 32 :

  ----Perform duties in support of emergency preparedness programs **to prepare for or to respond to any emergency** involving the use of a weapon of mass destruction…

- Para. (c) (3)
  - A Reserve may perform duties described in paragraph (1) only …while assigned to a reserve component rapid assessment element team and **performing those duties within the geographical limits of the United States**, its territories and possessions, the District of Columbia, and the Commonwealth of Puerto Rico.

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WEAPONS OF Mass Destruction CIVIL SUPPORT TEAMS

MISSION: **Support civil authorities at a domestic chemical, biological, radiological, nuclear, and high-explosive (CBRNE) incident site by identifying CBRNE agents/substances, assessing current and projected consequences, advising on response measures, and assisting with appropriate requests for state support.**

KEY CHARACTERISTICS:

- Must be certified by Secretary of Defense
- Unique to National Guard
- Main role is support to Governor and Incident Commander
- Operate only in US territory
- Title 32 Full-time (AGR) Army and Air National Guard personnel
- Interoperable with Civil Responders

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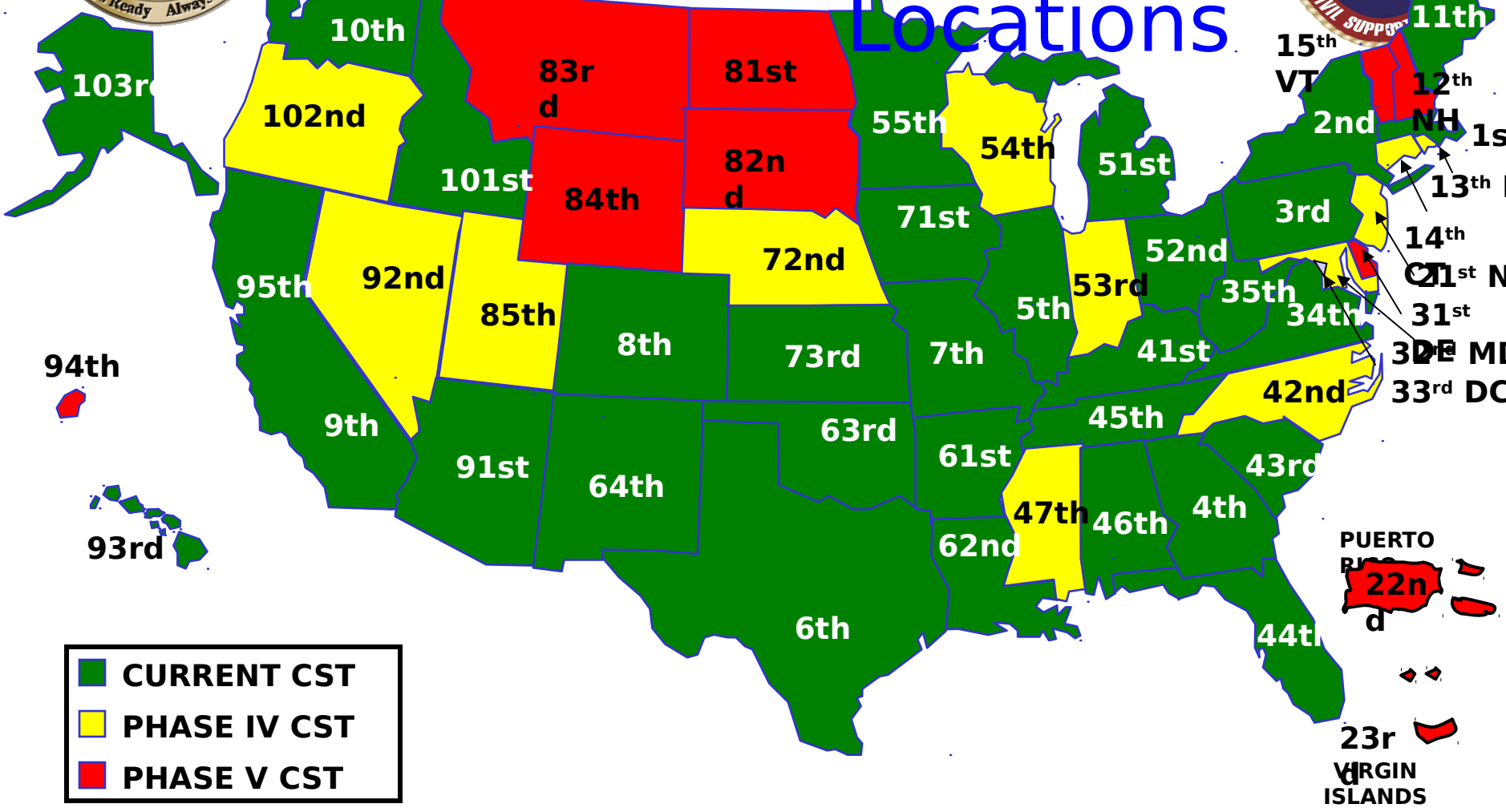
WMD-CST Locations



Program Highlights

- Program 1210 AGRs – 990 ARNG / 220 ANG
- DoD Certification mandated by LAW
- Maintain the highest USR rating (submit quarterly)
- EXEVAL 18-24 months
- Maintain both military and civilian HAZMAT qualifications
- Constant visibility by DoD, NORTHCOM, DA. DoD IG and SECDEF Review

Personnel - Staffing

- **Army National Guard (ARNG) document with 22 full-time positions:**
  - **7 Officers**
  - **15 NCOs (14 Specialties)**

- **Personnel distribution:**
  - **Army National Guard (ARNG) = 80%**
  - **Air National Guard (ANG) = 20%**
  - **Typically 18 ARNG and 4 ANG per team**

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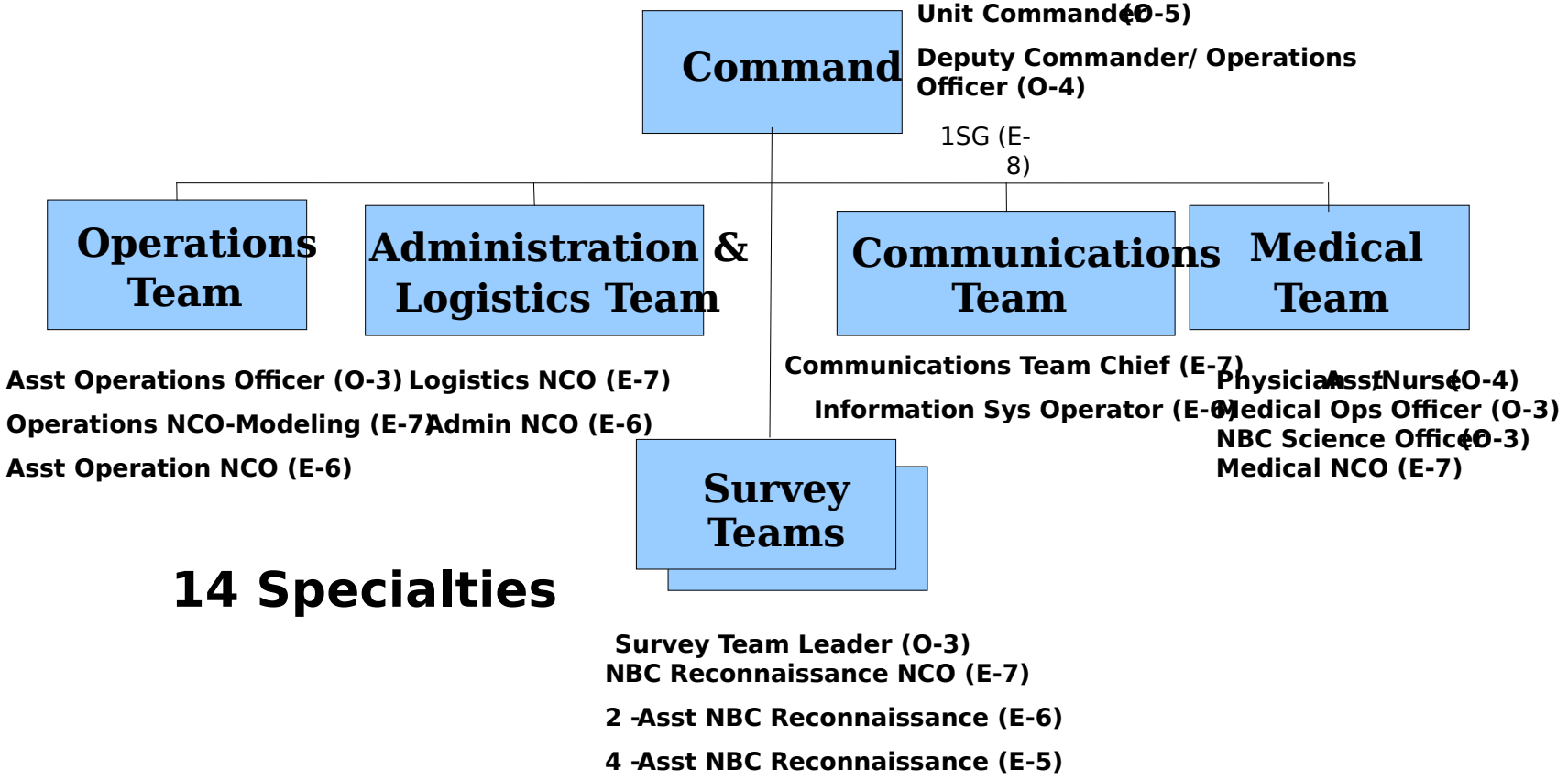
Weapons of Mass Destruction Civil Support Team



14 Specialties

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CST Manning

POSITION	RANK	TITLE	AOC/MOS
Commander	0-5	Branch Immaterial	01A00
Deputy	0-4	Branch Immaterial	01A00
Operations Officer	0-3	Branch Immaterial	01A00
1SG	E-8	Chemical NCO	74D5M
Modeling NCO	E-7	Branch Immaterial NCO	00F40
Asst Ops/Trng NCO	E-6	Branch Immaterial NCO	00F30
Logistics NCO	E-7	Supply NCO	92Y40
Pers'l NCO	E-6	Admin NCO	42A30
Commo Team Chief	E-7	Signal Support Systems Specialist	25U40
Info Systems Op/Anal	E-6	Information Systems Operator	25B30
Medical Officer/PA	0-4	Physician Assistant	65D or
		Physician	60A or
		Nurse Practitioner	66H

*

CST Manning

POSITION	RANK	TITLE	MOS
Medical Ops Officer	0-3	Medical Ops Officer	70H67
Nuclear Med Sci Off	0-3	Nuclear Medical Science Officer 72A67 or	
		Environmental Science Officer 72D67 or	
		Entomologist 72B67 or	
		Sanitary Engineer Officer 72E67	
Medical NCO	E-7	Medical NCO	91W40
Survey Team Leader	0-3	Chemical Officer	74B00
NBC Recon NCO	E-7	Chemical NCO	74D40
NBC Team Chief	E-6	Chemical NCO	74D30
NBC Team Member	E-5	Chemical NCO	74D20

Tactical Vehicle Fleet

- **Large SUV-type vehicles with pre-installed communications**
- **Specially constructed vans for the Mobile Analytical Laboratory System and the Unified Command Suite**

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Command & Analytical Vehicle

Unified Command Suite (UCS)

The UCS is the CST's mobile, integrated, and automated command and control capability providing positive communications between the unit and it's command structure, technical references, and informational databases.

- **Radios: UHF/VHF, SATCOM, INMARSAT, Phones (DSN and Commercial)**
- **Data: NIPRNET and SIPRNET**
- **Video: Collaborative Video and Conferencing Tools**
- **GMC-6500 Low profile chassis, with Custom body enclosure**
- **210 Hp diesel, 23,900 GVWR, 4 speed automatic and towing capable**

Analytical Laboratory System (ALS)

The ALS is the CST's mobile analytical capability to provide a presumptive analysis for the presence of chemical, biological, or radiological contamination.

- **Analytical: Gas Chromatograph/Mass Spectrometer for organic, Immunoassay Tickets for biologic, and Gamma Spectrometer for radiological**
- **Support Equipment: Refrigerator, Glove Box, Digital transmission link to UCS and Generator and Converter**

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Reachback System

Reachback Includes Secure & Non-Secure Voice, Video, and Data Connectivity

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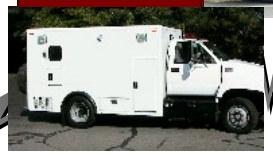
WMD -CST



RTF HQ

DC O/ DC E

JTF- CS HQ

NORT HCOM

DO MS

CBI RF

CB/R RT

Othe rs

INCID ENT COMM AND

POLICE

FIR E

ME D

Surv e

TEU

DTRA

Modeling & Simulation Center

Expert Advice & Assistance

- SBCCOM
- DTRA
- USAMRIID
- USAMRICD
- NMRI
- AFRRI
- NGIC
- Others

Equipment

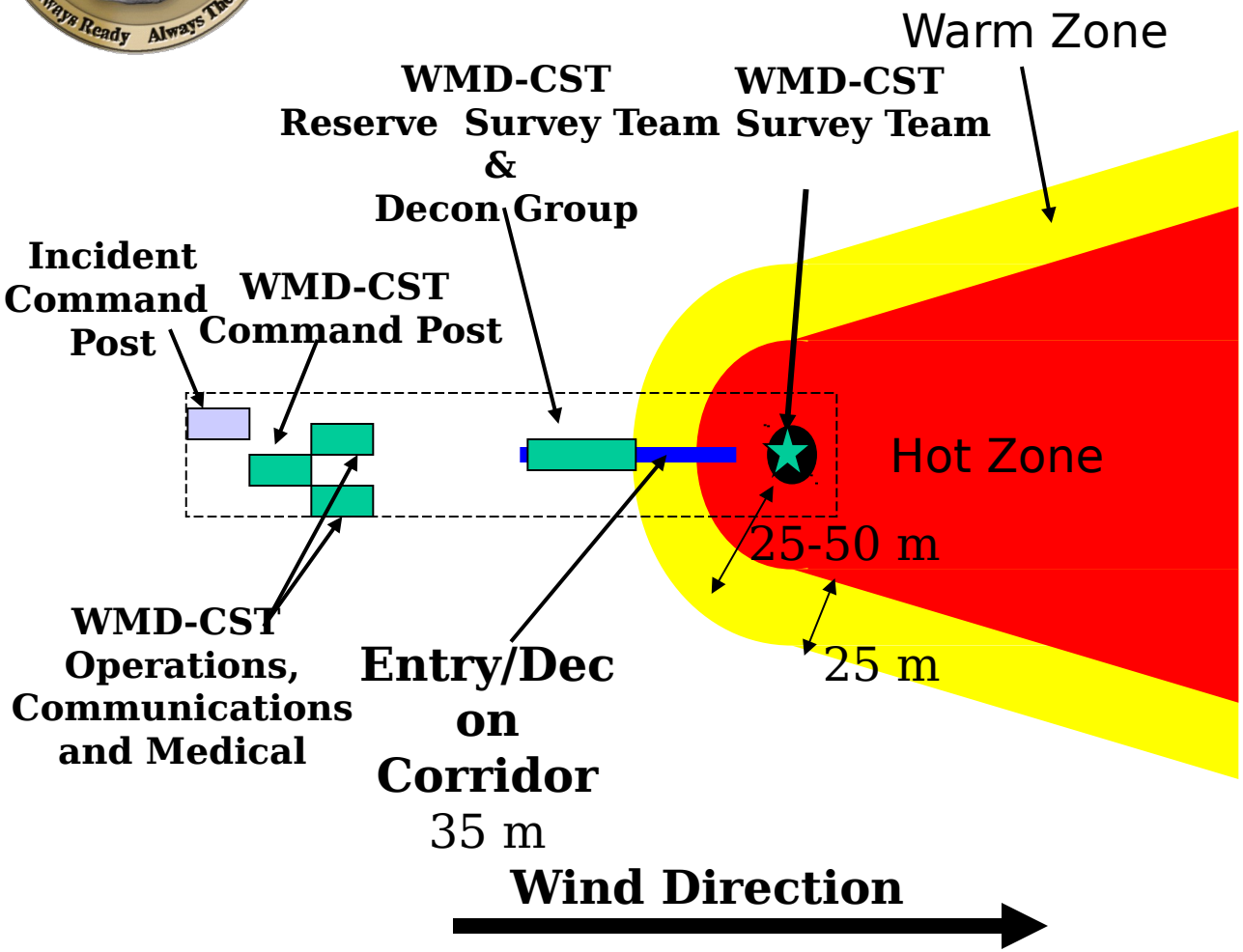
- **Equipment**
  - **30% Standard (Military standard issue)**
  - **70% Non-standard (Teams equip to civilian standard)**

- **Equipment Requirement for military support operations within the United States**
  - **Intended to be latest technology**
  - **Current acquisition system challenged in meeting the above intent**
  - **Goal is to keep the teams on the leading Edge of technology**

CST Training

- **Individual/Institutional**
  - Civil Support Skills Course, Ft. Leonard Wood, Missouri
  - Position-specific specialized training (Ave 650 hrs)
- **Team/Unit/Collective**
  - Home Station
  - Centrally conducted 'LANES' training
  - External evaluation (every 18 months)
- **Post Certification Training Exercises**
  - CDR driven, sustain training level
  - Integrated with local and regional first responders
  - NORTHCOM driven exercise participation

CST Operations



Response Management Plan

Trans-regional, rapid response

- Organizes CSTs on a short recall status to deploy anywhere in the U.S.
- In response to a suspected, threatened, or actual terrorist attack
- National coverage organized into six regions.

WMD-CST Operational Employment

- Assigned to the Governor for State response to support the local Incident Commander
- Available 24 hours a day/7 days a week for rapid recall/rapid deployment for WMD terrorism response operations in the United States
- May be employed in Title 10 or 32 status as a reserve or reinforcing element for other WMD-CSTs, or as unilateral military support in a State without a WMD-CST
- Works in concert with the Joint Task Force for Civil Support, as part of the overall national response of local, state, and federal assets
- Complies with civil protective standards, i.e NIOSH/OSHA

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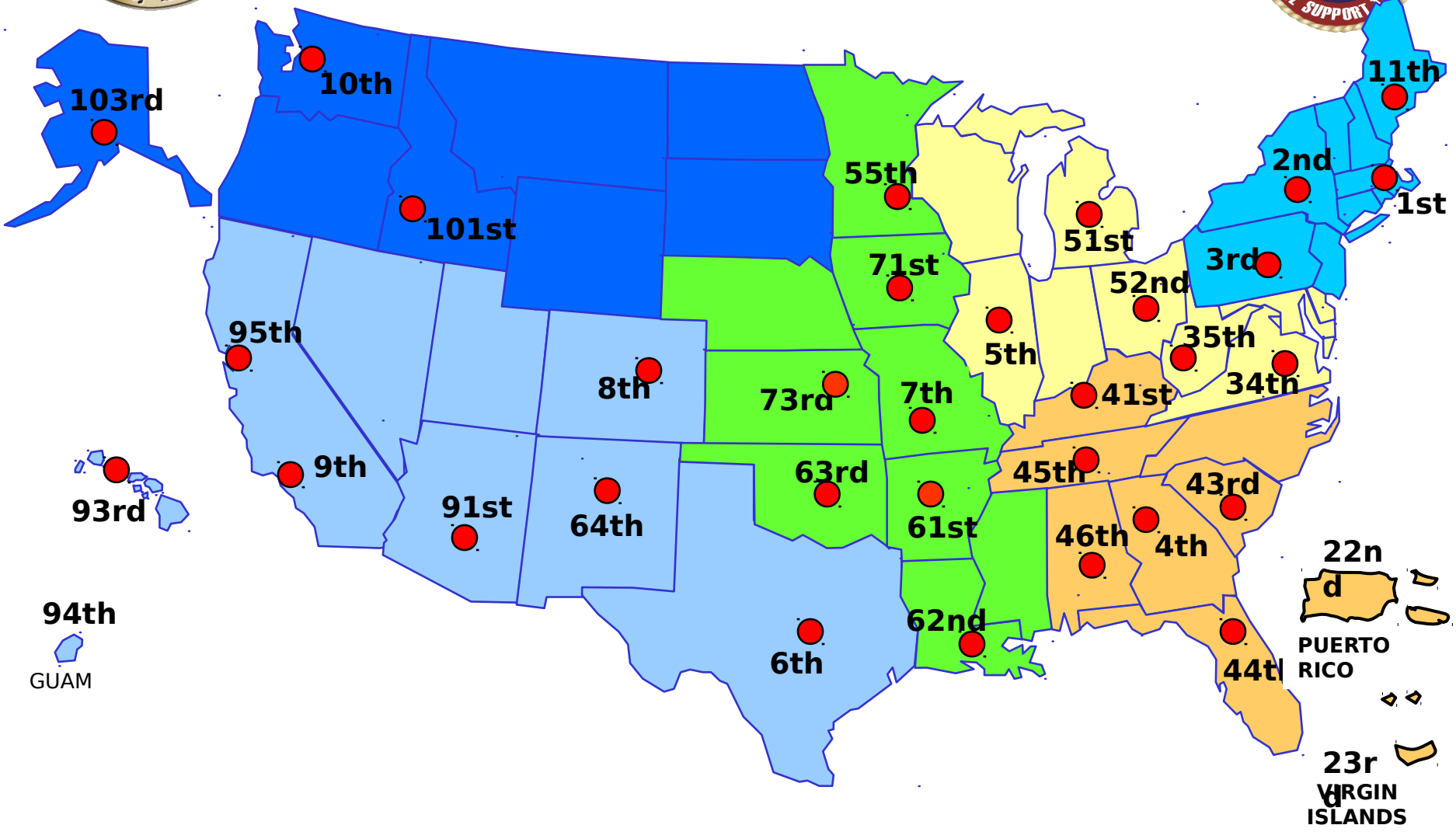
Response Sectors



National Response Categories

Priority Response (PR) - N+3 hours:

- **Deploy an Advanced Echelon (ADVON) not later than N+90 minutes. Remainder of the WMD-CST not later than N+3 hour response time.**

Ready Response (RR) - N+24 Hours:

- **WMD-CSTs in this phase deploy to the event not later than N+24 hour response time.**

Stand-by Response (SR) - N+72 Hours:

- **WMD-CSTs in this category maintain a not later than N+72 hour response time.**

Methods of Deployment:

- **Responses within approximately 250 mile radius of unit location, generally deploys using organic (WMD-CST owned) vehicles**
- **Deployment greater than 250 miles may require airlift for a timely response**
- **Situation, weather conditions, and urgency influence decisions to self-deploy or move by air assets**

Deployment - Airlift

- **USTRANSCOM provides airlift support for WMD-CSTs**
- **Governor may use airlift assigned to State or may request support from another State**
- **Chief, National Guard Bureau is the validating authority for “high priority” WMD-CST airlift requests**
- **Aircraft required to lift the entire team**
  - **C-130 (5)**
  - **C-17 (1)**
  - **C-5 (1)**
  - **C-141 (2)**

Support to Out-of-State Events

- CSTs have supported out-of-state events in FY 01 - 04

  - 64 total out-of-state deployments

  - Examples

    - **October 2001**
      - CA (9th CST) deployed to support World Series in AZ

    - **January 2002**
      - MN CST deployed to ND to support hazardous train derailment

    - **February 2003**
      - AR, OK and NM deployed to support Columbia recovery

    - **May – September 2004**

CST Support Missions
Hurricane Katrina

- Provided primary means of communications for the Joint Operations Center located at Superdome from 29 Aug to 6 Sep.
- Assist civilian responders in Jefferson, Plaquemine, Orleans, or St. Bernard parishes (exact location TBD) with reestablishment of essential emergency services and Incident Command System operations.
- Provide an interface between parish officials and military responders.
- Technical support to EPA survey operations.

CST Forces used to date: 19 CSTs TF LA; 8 CSTs TF MS;

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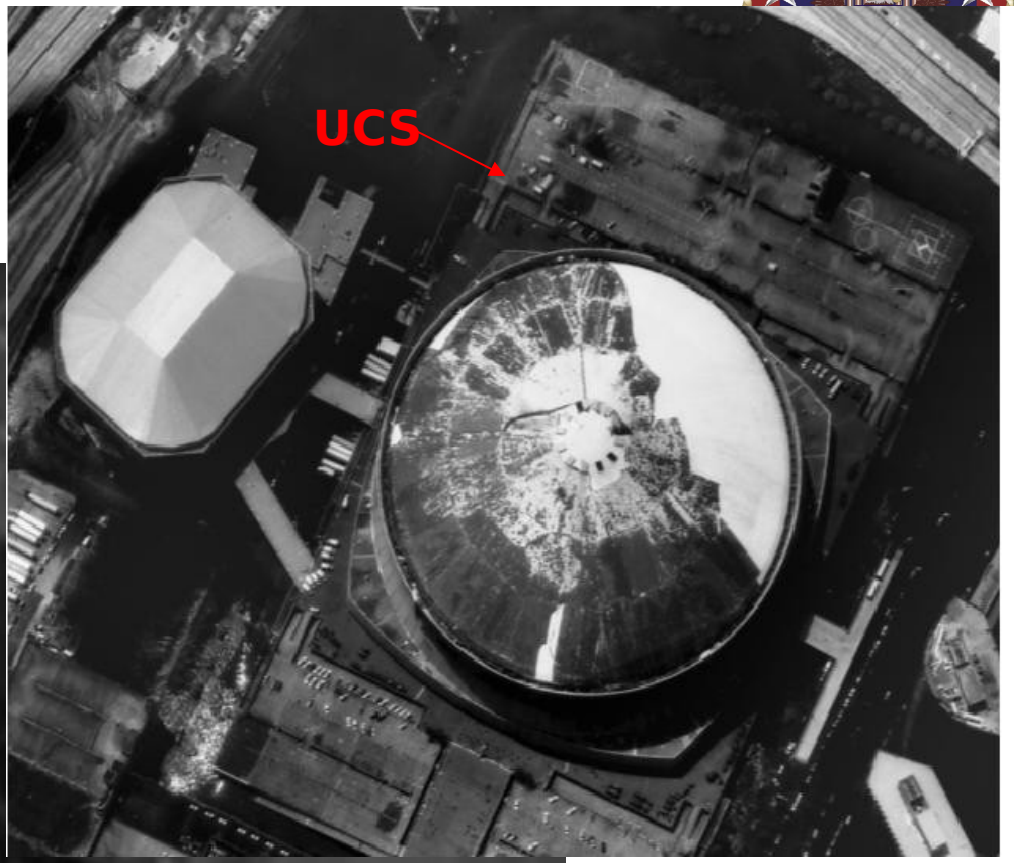
LA CST at Super Dome 30 Aug 2005



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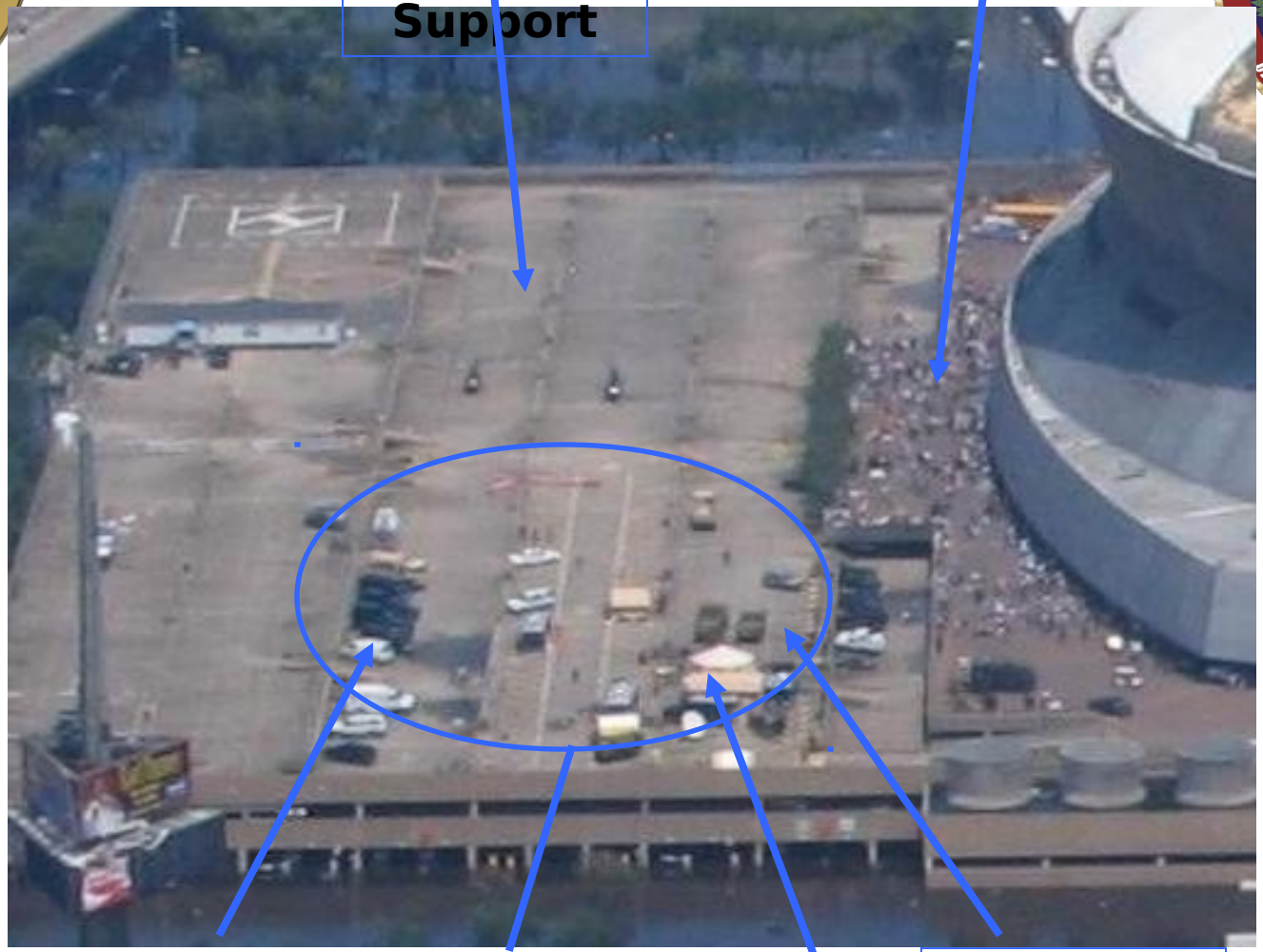
Air Support
Evacuees
ALS
CST Vehicles & Equipment
UCS & Dish
OPS Trailer

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New Orleans Supporting 41st BDE

UCS at Bell Chase Naval Air Station

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Deployed ADVONs in the Gulf

CST End-State

Synchronized, integrated, timely and seamless employment anywhere across the Nation to assist Local, State and Federal governments.

NGB Civil Support Program

POC

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Questions

NGB Program Goals

Provide States management tools to:

- Retain highly skilled, quality soldiers
- Provide recruiting incentives
- Reduce initial training costs
- Strengthen unit readiness
- Compete with civilian job market

Assist and facilitate whenever possible…

Team Composition

Full Capability for WMD Response

Specializing in Advanced Communications and Technical Analysis

COMMAND SECTION

OPERATIONS SECTION

COMMS SECTION

ADMIN & LOG SECTION

MEDICAL SECTION

SURVEY COMMAND

FIRST ENTRY

SECOND ENTRY

DECON & RECOVERY

The Operational Environment

- Operations conducted in a Mature Theatre
- Emergency Management Structure works well
- The Military is not the lead
- Military response integrated into 12 functional areas, i.e. Emergency Support Functions (ESF)
- Terrorism Preparedness & Response
- Operations organized and supported using a Tiered Response conducted by Local, State, and Federal responders

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Tiered Respose Spectrum

Federalized NATIONAL GUARD

Active Duty Forces

Other Military Resources

Dept of Homeland Security *(FEMA)*

PRESIDENT
Federal Declaration

NATIONAL GUARD from Supporting States

STATE AGENCIES from Supporting States

Interstate Emergency Assistance Compacts

NEARLY ALL MISSIONS ARE PERFORMED BELOW THIS LEV

GOVERNOR
State Declaration

NATIONAL GUARD

STATE EMERGENCY MANAGEMENT AGENCY

STATE AGENCIES

Local Civil Authorities First Responders